



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, April 19, 2015

Issued: 0800 CT

**Day 1 Hazards:** Enhanced risk of severe tsrms over E OK/TX into AR/LA.

**Day 1 Hazards:** Slight risk of severe weather for TX/OK, and srn LA. Flash flooding possible across SE TX and srn LA.

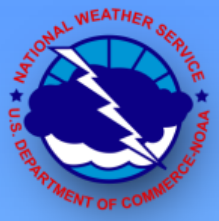
**National Weather Service**

**Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX**



**Prepared by: Kurt M. Van Speybroeck  
817-978-1100 x 147**

# Key Points



## Today

- Enhanced risk of severe thunderstorms across E OK/TX into AR/nrn LA
- Slight risk for severe thunderstorms across E TX/OK, and LA.
  - Large hail and damaging winds are the primary threats. Isolated tornadoes are possible.

## Monday

- No Significant Weather Impacts.

## Tuesday – Wednesday

- Slight risk of severe thunderstorms Tuesday– NW TX/SW OK.
- Severe thunderstorms possible across OK/E TX/AR and LA - Wednesday.

## Thursday

- No Significant Weather Impacts

# \*FEMA Region 6 Threat Matrix

Apr 19, 2015 - Apr 23, 2015

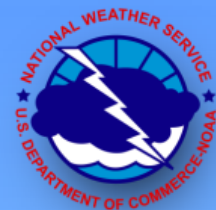
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms	E OK/E TX/LA/AR		NW TX/SW OK	OK/AR/LA E TX	
	TX/OK/AR/LA				
Heavy Rain /Flooding	SE TX/S LA				
Fire					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



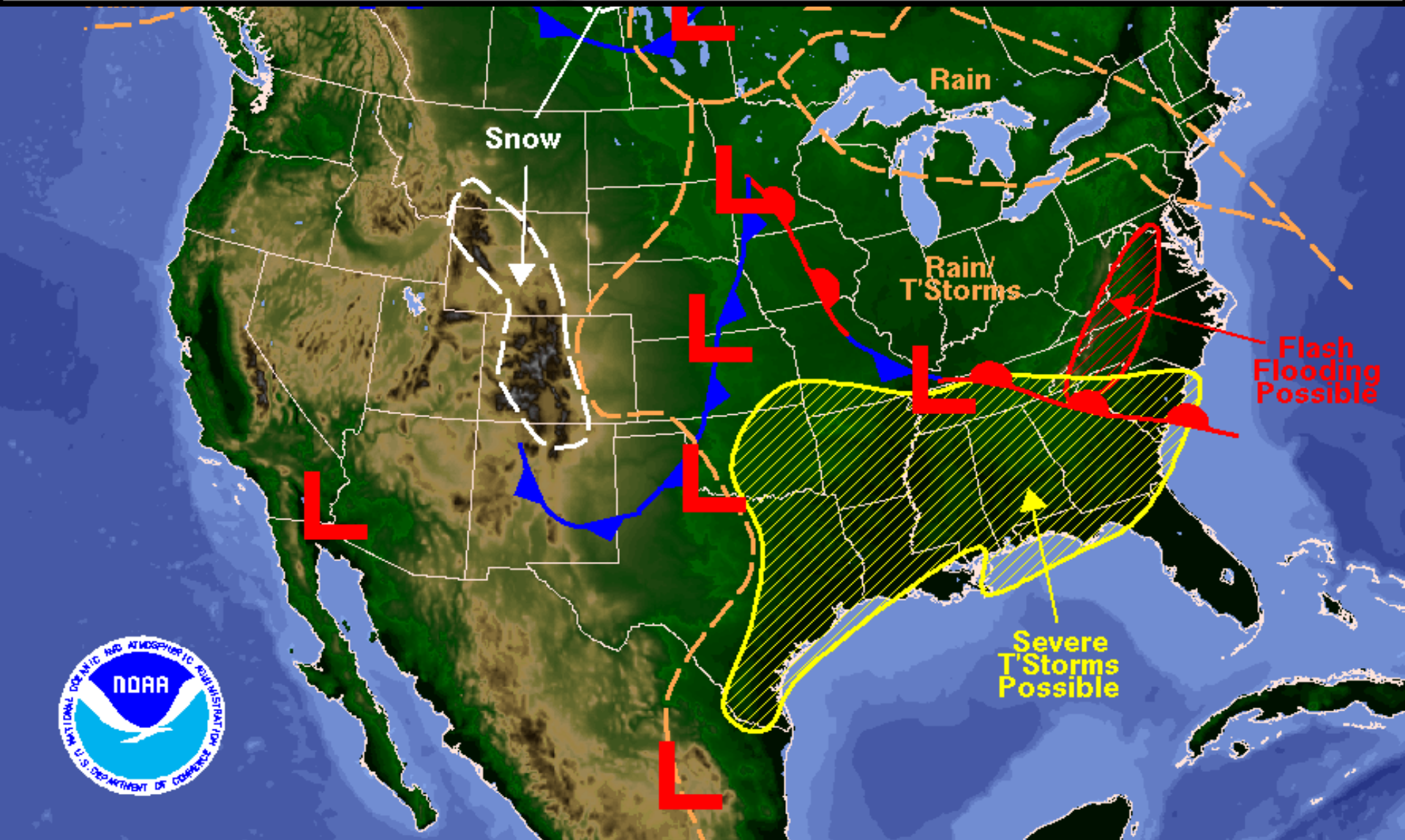
**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**



**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

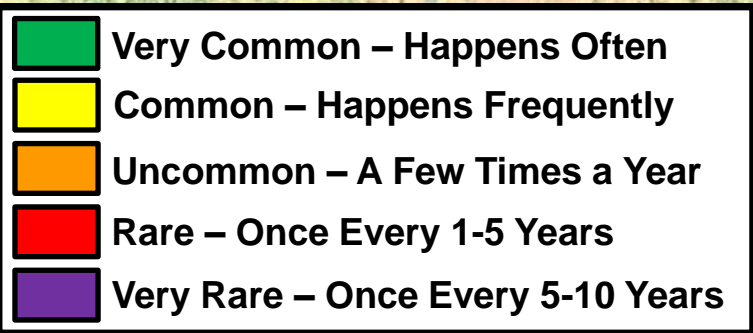
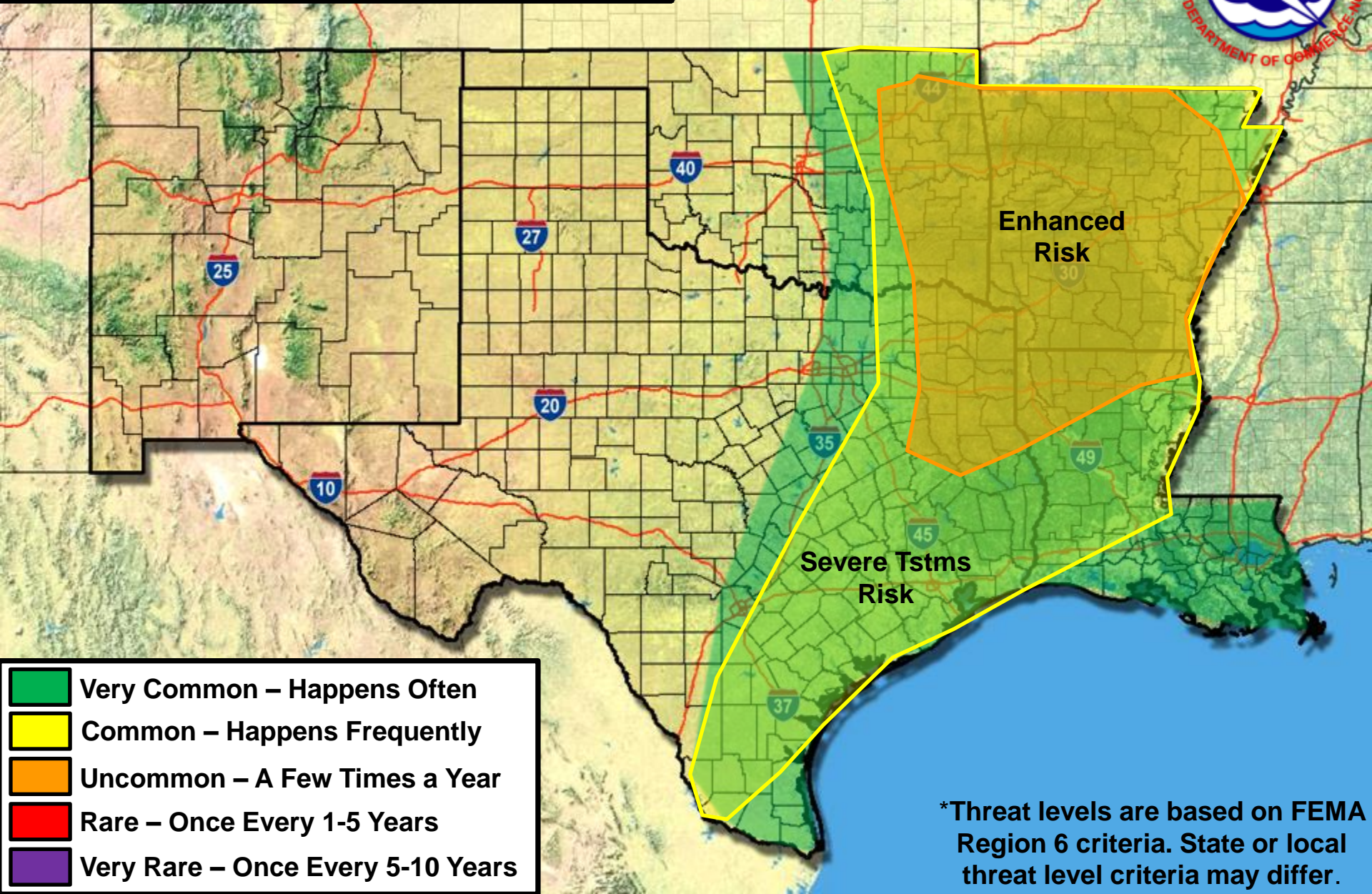
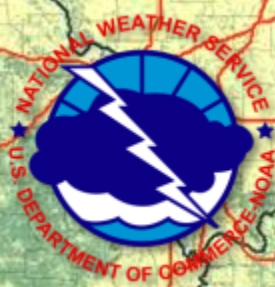
# Today's Weather



Weather Forecast for Sun, Apr 19, 2015, issued 4:29 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

# Day 1 Weather Hazards

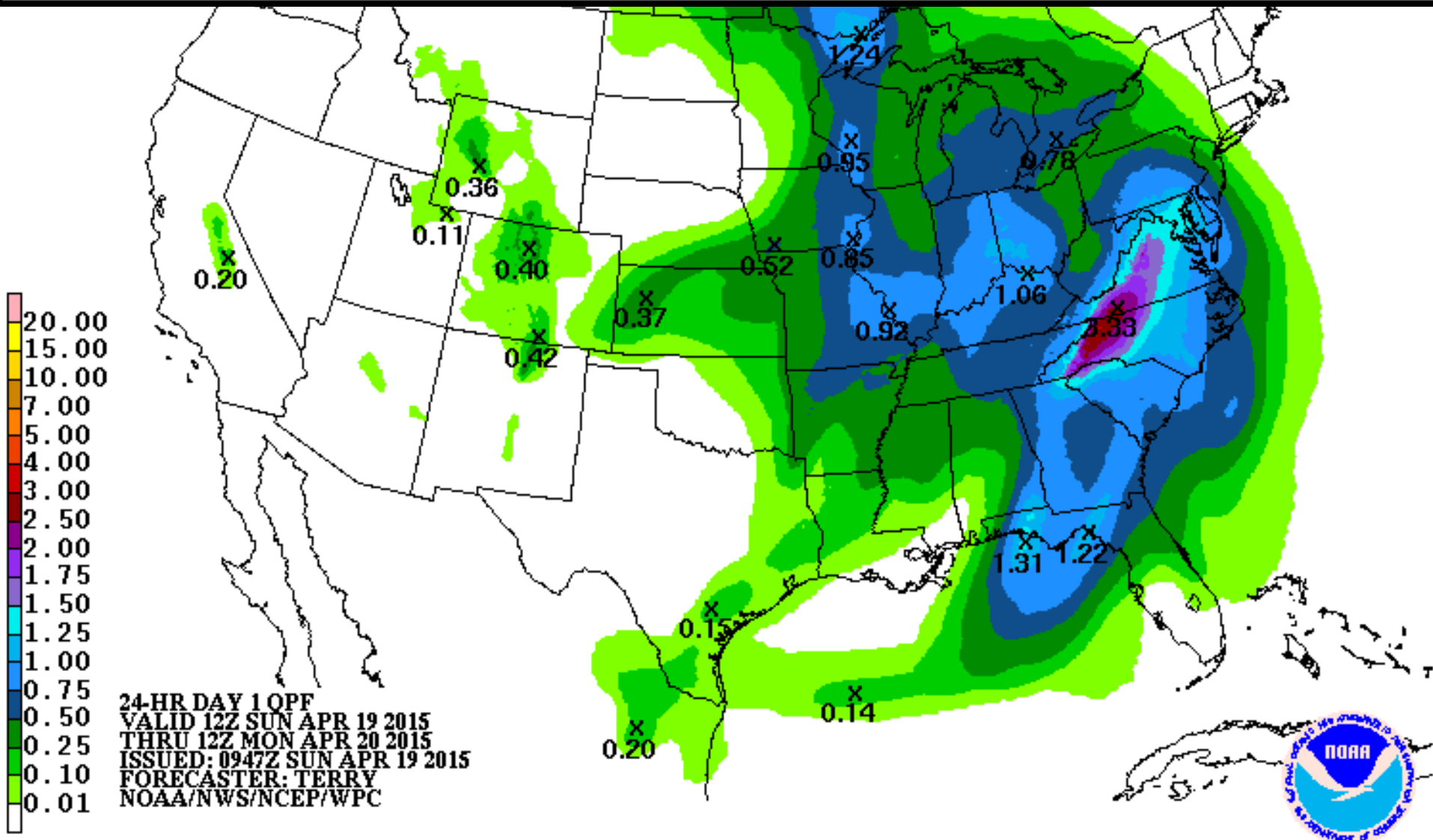
*Valid: 0800 Sun - 0800 Mon*



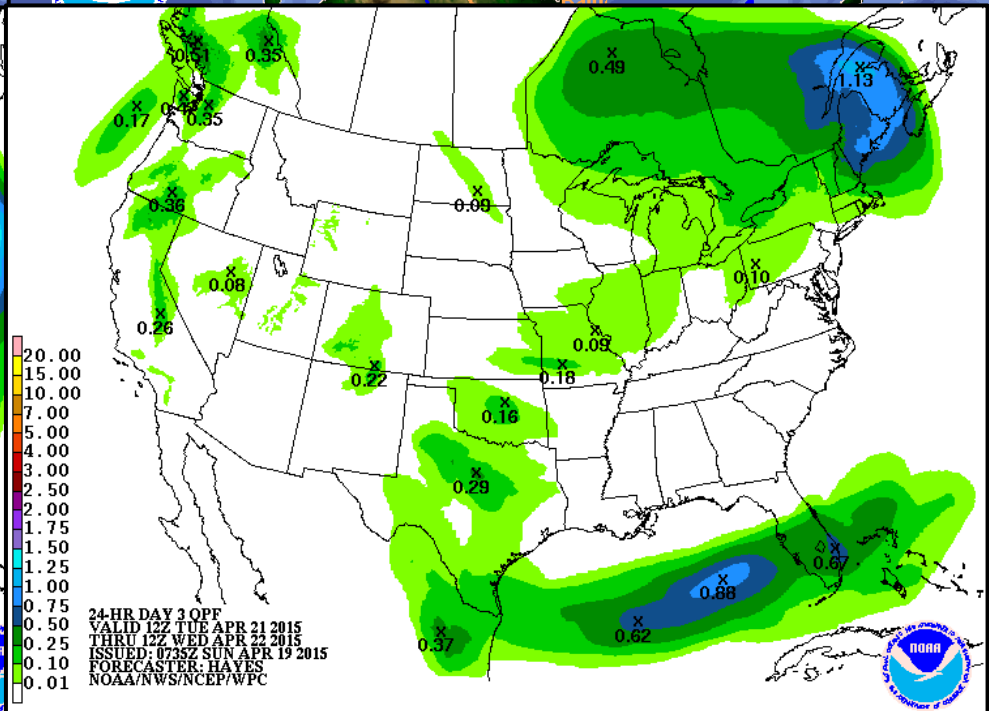
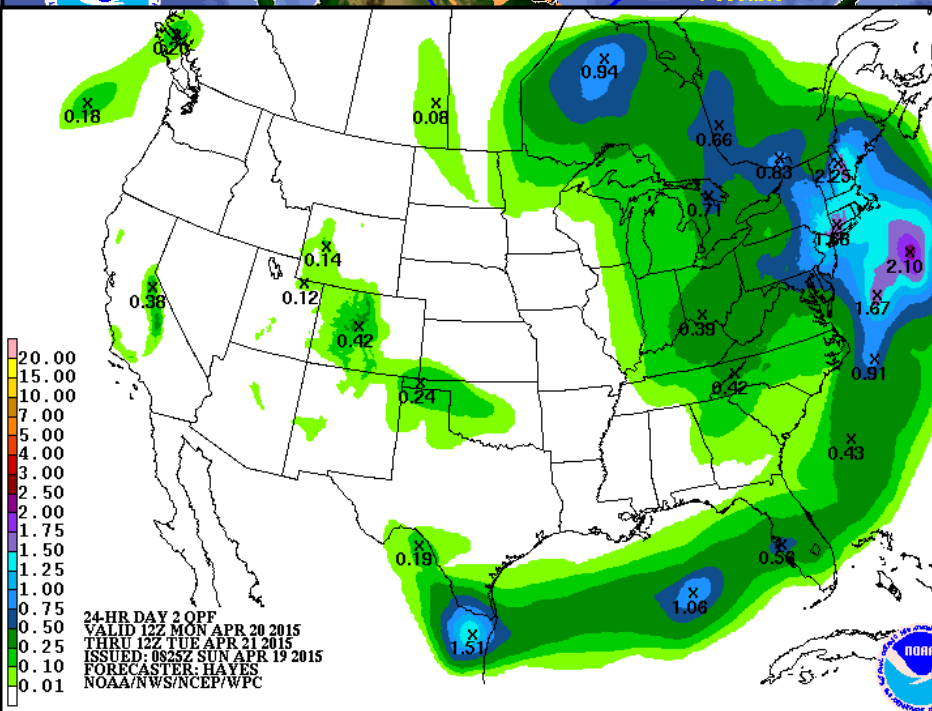
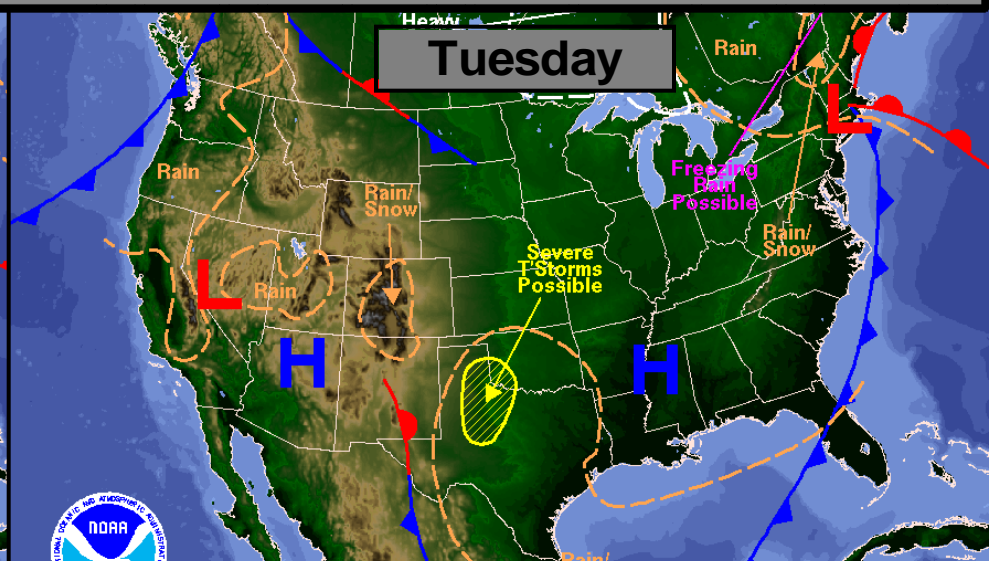
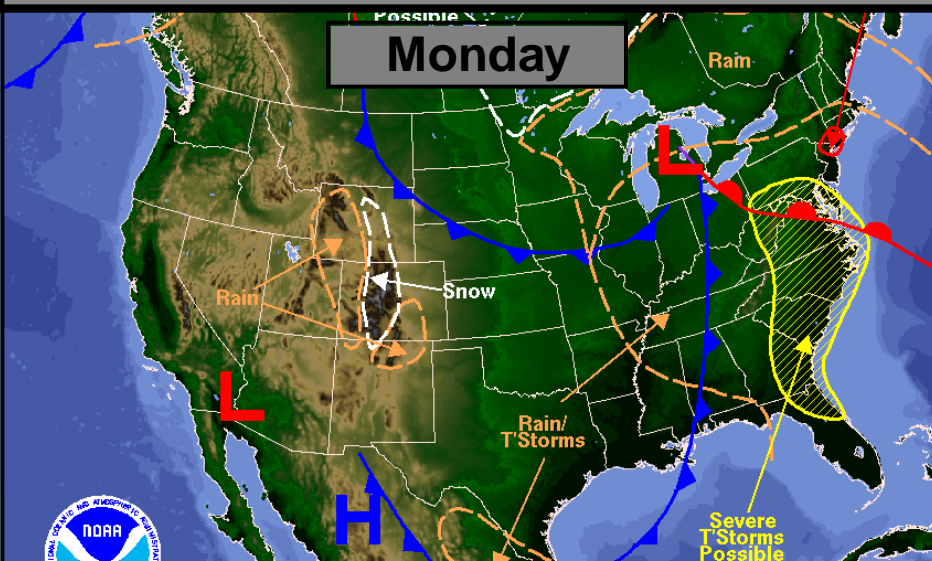
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# Today's Precipitation

## Sun AM - Mon AM

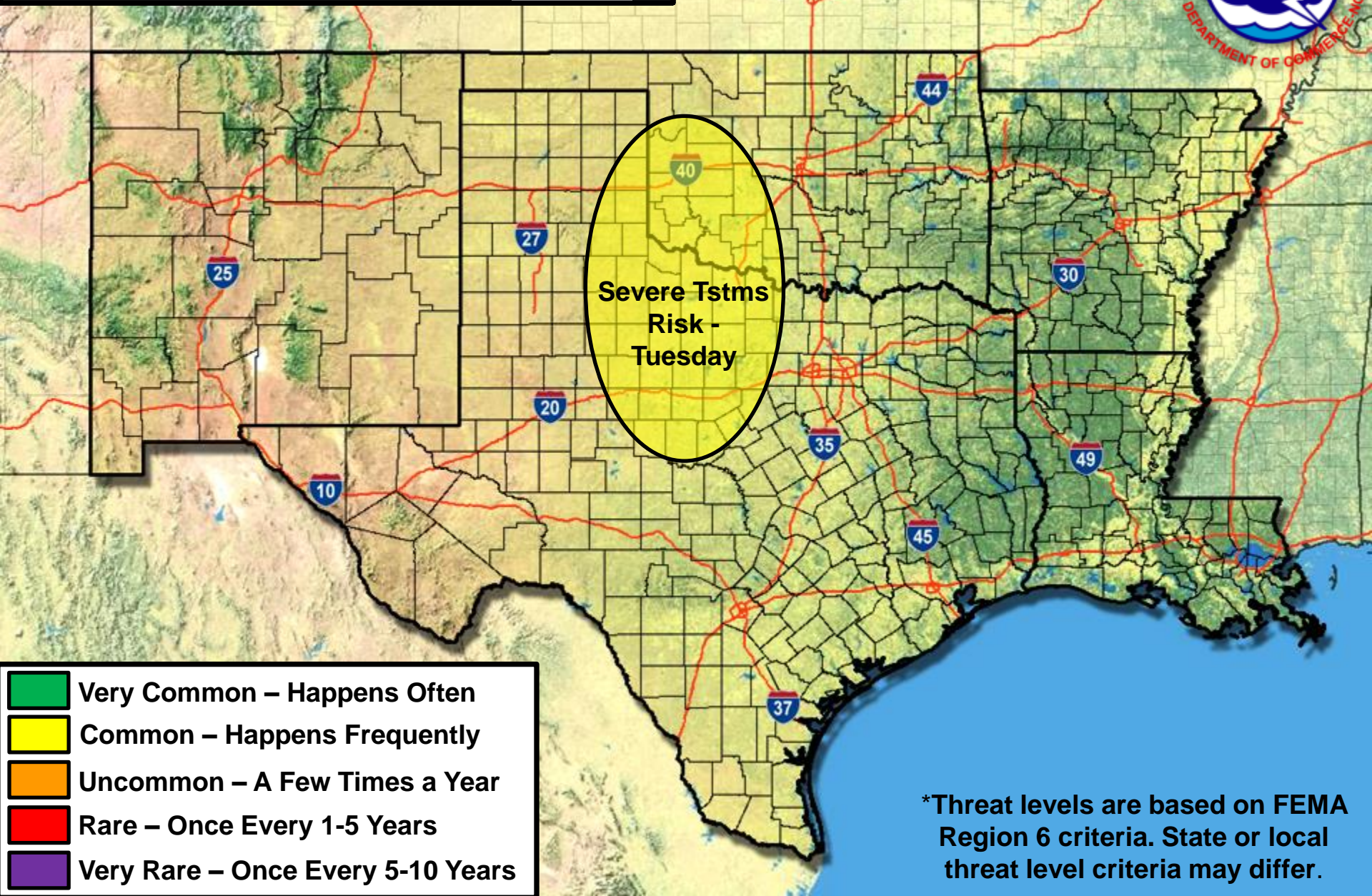


# Day 2-3 Weather Maps/Precipitation

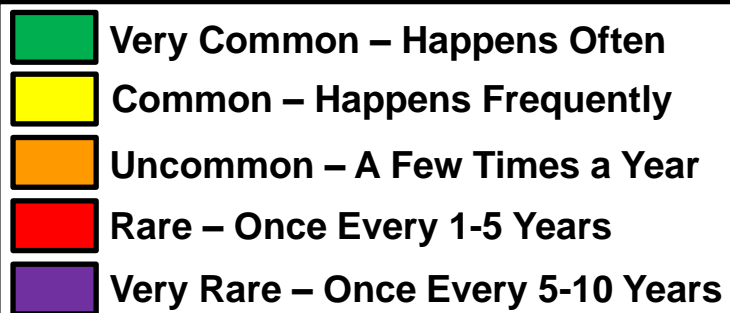


# Day 2-3 Weather Hazards

*Valid: 0800 Mon - 0800 Wed*



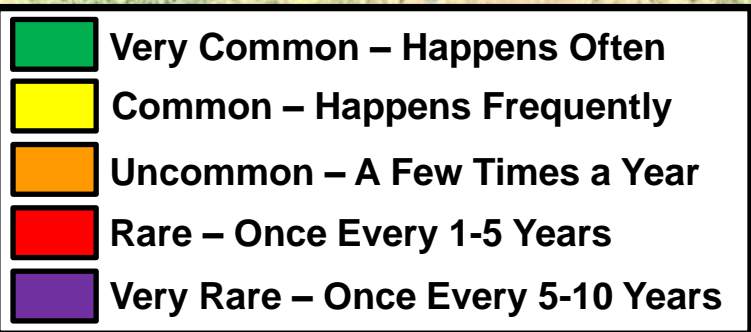
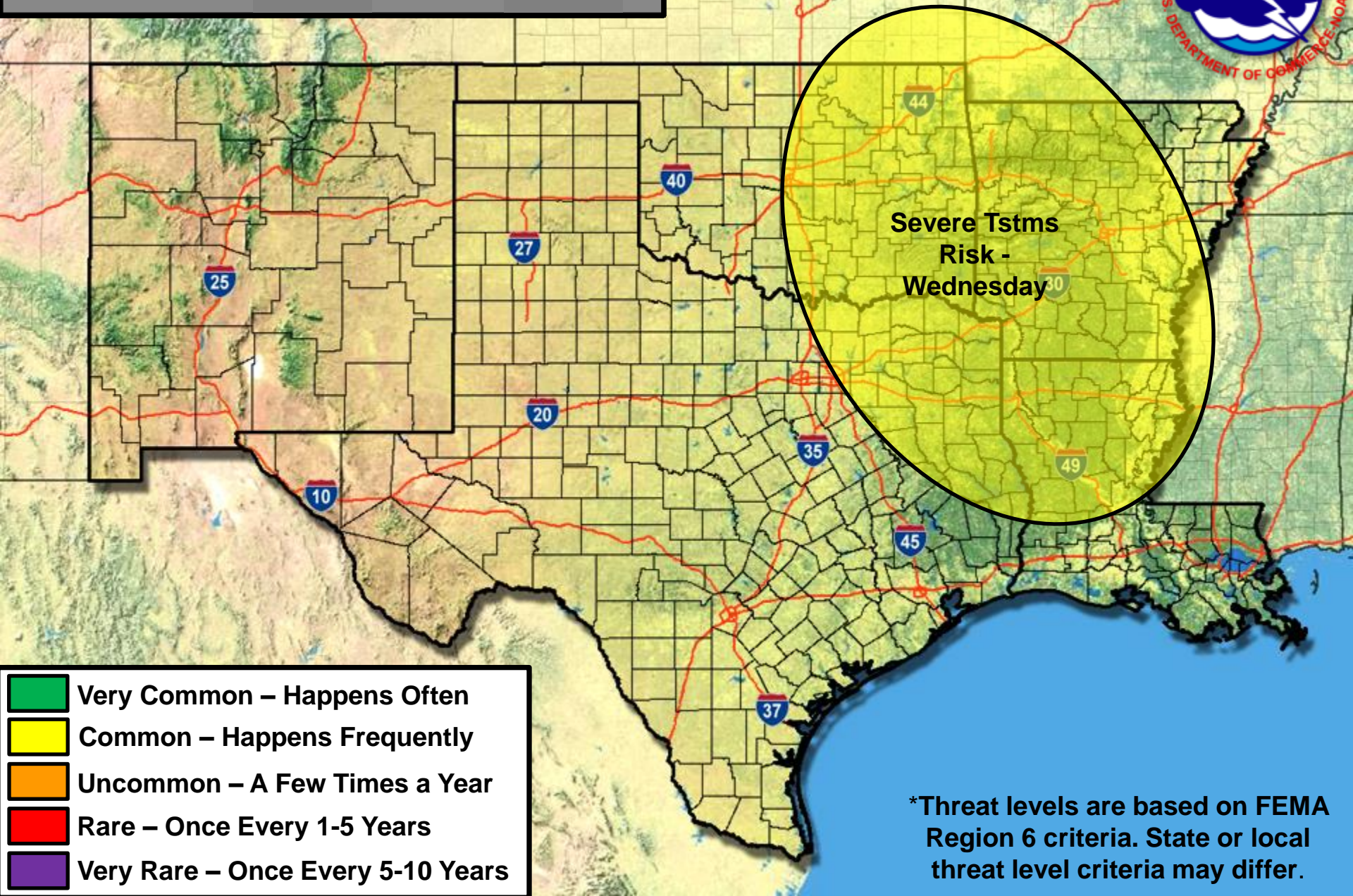
**Severe Tstms  
Risk -  
Tuesday**



*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

# Day 4-5 Weather Hazards

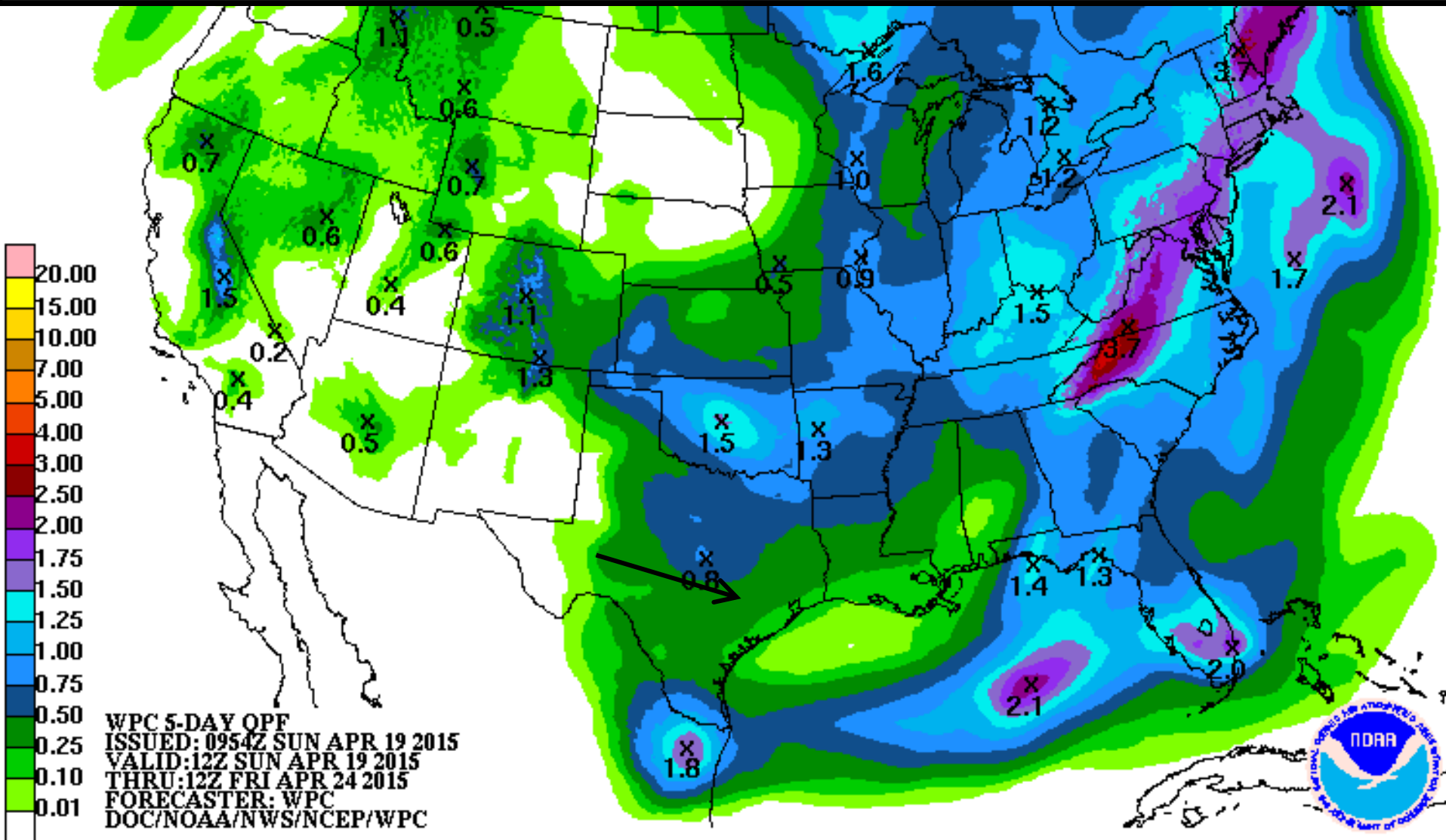
Valid: 0800 Wed - 0800 Fri

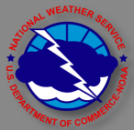


\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# 5-Day Precipitation

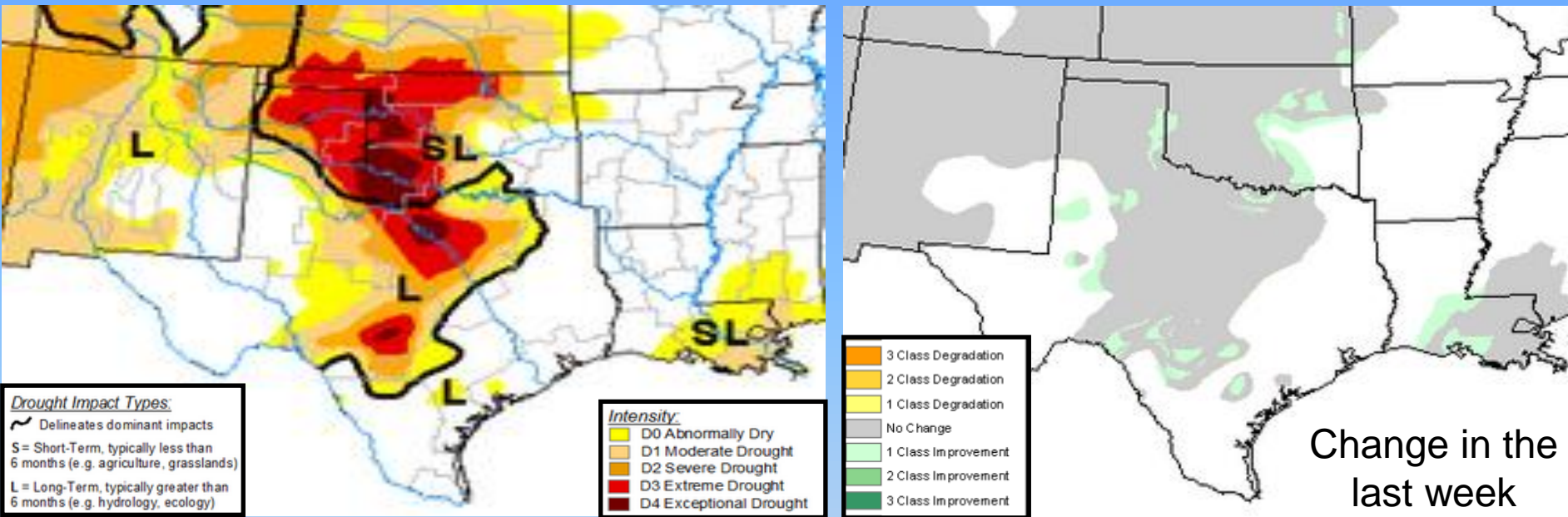
## Sun AM - Fri AM





# Drought Monitor Released April 9th, 2015

Data valid as of Tuesday, April 14<sup>th</sup>, 2015 at 7AM EST



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	39.72%	39.72%	22.58%	26.51%
Texas	14.91%	15.46%	11.03%	28.98%
New Mexico	0.00%	0.00%	3.70%	24.86%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

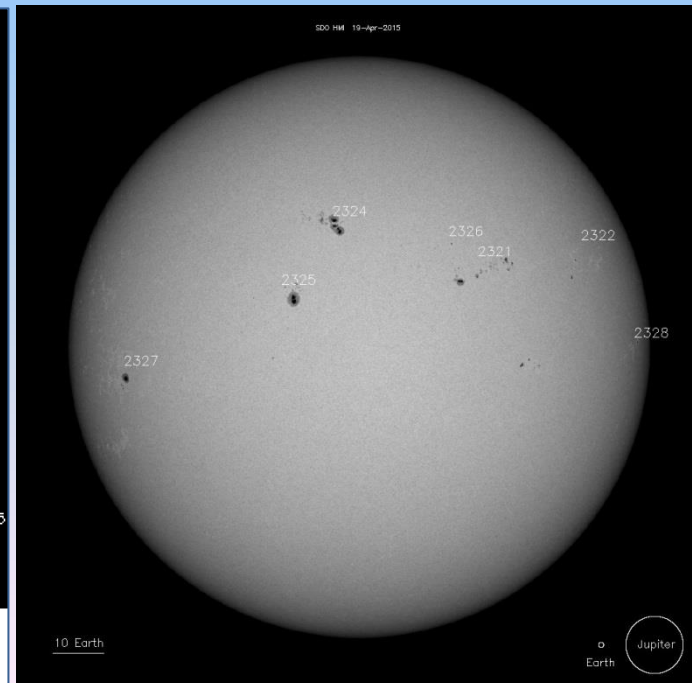
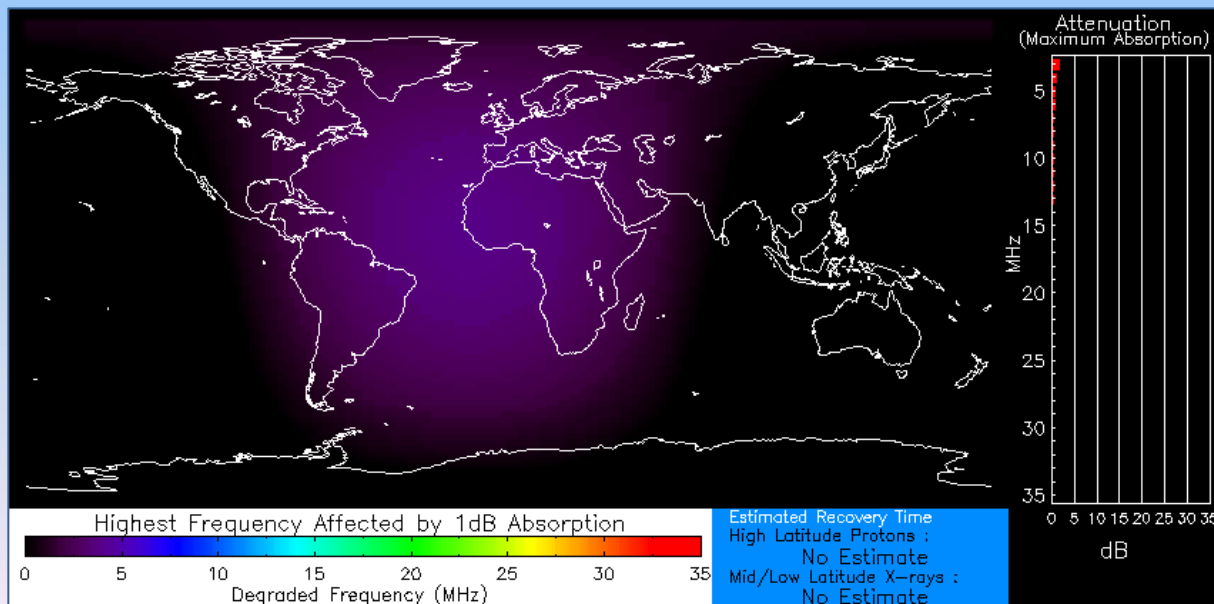
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	15%	10%	5%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
 Product Valid At : 2015-04-19 12:58 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.srh.noaa.gov>

**facebook**

<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)